

## CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134  
 Chempro (206) 223-0500 Resource Recovery (206) 223-0900  
 WAD061672812

26113

Please print or type

(Form designed for use on elite (12-pitch) typewriter.)

Ammonium bifluoride

Form Approved. OMB No. 2050-0039. Expires 9-30-91

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <i>WA 980738546</i>	Manifest Document No. <i>26113</i>	2. Page 1 of	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Alaskan Copper Works PO Box 3546 Seattle, Wa. 98124				A. State Manifest Document Number		
4. Generator's Phone (206) 623-5800				B. State Generator's ID		
5. Transporter 1 Company Name Resource recovery		6. US EPA ID Number WAD 061672812		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 223-0900		
9. Designated Facility Name and Site Address <input type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input checked="" type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input checked="" type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone <i>872 8030</i>		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <i>HM</i> a. <i>R9</i> Corrosive solid w/ (chromium/Nickel) Corrosive material UN 1759 <i>solid</i>				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
				4	2150	P.
J. Additional Descriptions for Materials Listed Above CP# 49170 PO# M19934				K. Handling Codes for Wastes Listed Above D002, D007 WT01		
15. Special Handling Instructions and Additional Information						
GENERATOR EMERGENCY TELEPHONE <i>206 623-5800</i> <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <i>Greg Speer</i>				Signature <i>Greg Speer</i>		Month Day Year <i>06 11 91</i>
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>Floyd Rider</i>				Signature <i>Floyd Rider</i>		Month Day Year <i>06 11 91</i>
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name				Signature		Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name <i>Leslie Rause</i>				Signature <i>Leslie Rause</i>		Month Day Year <i>16 12 91</i>

ORIGINAL — RETURN TO GENERATOR

# RCRA LAND DISPOSAL RESTRICTION NOTIFICATION FORM-EZ

(This form is applicable for characteristic wastes D001-D011 and/or F-listed solvent wastes F001-F005)

Generator: Alaskan Copper Works  
Chempro Profile No. 491701

U.S. EPA I.D. No. WAD 9807385 46  
Manifest No. \_\_\_\_\_

This notification is submitted to Chempro's treatment facility in accordance with U.S. EPA regulations, 40 CFR 268.7(a)(1). The hazardous waste, as designated by a check mark in the associated box(es), is included in this waste shipment and is restricted and banned from land disposal unless treated to standards as indicated. The reverse side of this form provides treatment standards for F001-F005 wastes, "California List" wastes, and applicable variances.

Waste Analysis Data are: ☐ Attached ☐ Not Attached

**CONCENTRATION-BASED STANDARDS:** The treatment standards for metal-bearing wastes (D004-D011) are listed in 40 CFR 268.43(a) for wastewaters and in 40 CFR 268.41(a) for nonwastewaters. The treatment standards for Reactive Cyanide (D003) waste are listed in 40 CFR 268.43(a).

Waste Code	Regulated Hazardous Constituent	Treatability Group		
<input type="checkbox"/> D003	Reactive Cyanides based on 261.23(a)(5)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	
<input type="checkbox"/> D004	Arsenic	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D005	Barium	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D006	Cadmium (except Batteries, see below)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input checked="" type="checkbox"/> D007	Chromium	<input type="checkbox"/> Wastewater	<input checked="" type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D008	Lead (except Lead Acid Batteries, see below)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D009	Mercury (< 260 mg/kg Total Mercury)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D010	Selenium	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D011	Silver	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris

**TECHNOLOGY-BASED STANDARDS:** The treatment standards expressed as technology-based standards are listed in 40 CFR 268.42(a).

Waste Code	Waste Description and/or Treatment Subcategory	Treatability Group		Treatment Code
<input type="checkbox"/> D001	Low TOC Ignitable Liquids (< 10% Total Organic Carbon)	Nonwastewater		DEACT
<input type="checkbox"/> D001	High TOC Ignitable Liquids (≥ 10% Total Organic Carbon)	Nonwastewater		FSUBS, RORGS or INCIN
<input type="checkbox"/> D001	Ignitable Compressed Gases based on 261.21(a)(3)	Not Applicable		DEACT
<input type="checkbox"/> D001	Ignitable Reactives based on 261.21(a)(3)	Not Applicable		DEACT
<input type="checkbox"/> D001	Oxidizers based on 261.21(a)(4)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Acid Subcategory, pH < 2	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Alkaline Subcategory, pH ≥ 12.5	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input checked="" type="checkbox"/> D002	Other Corrosives based on 261.22(a)(2)	<input type="checkbox"/> Wastewater	<input checked="" type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Reactive Sulfides based on 261.23(a)(5)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Explosives 261.23(a)(6), (7) and (8)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Water Reactives 261.23(a)(2), (3) and (4)	Nonwastewater		DEACT
<input type="checkbox"/> D003	Other Reactives 261.23(a)(1)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D006	Cadmium Containing Batteries	Nonwastewater		RTHRM
<input type="checkbox"/> D008	Lead Acid Batteries	Nonwastewater		RLEAD
<input type="checkbox"/> D009	High Mercury (≥ 260 mg/kg Total Mercury) with Organics	Nonwastewater		RMERC
<input type="checkbox"/> D009	High Mercury (≥ 260 mg/kg Total Mercury) with Inorganics	Nonwastewater		IMERC or RMERC

**RCRA F-LISTED WASTE:** The treatment standards for F-listed wastes (nonpharmaceutical) are provided on the reverse side of this form. The specific F-listed chemical constituent(s), applicable to the hazardous waste in this waste shipment, are indicated in the space provided below.

Waste Code	Treatability Group	F-Listed Chemical Constituent(s)	Treatment Standard
<input type="checkbox"/> F001	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater	_____	see reverse side
<input type="checkbox"/> F002	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater	_____	see reverse side
<input type="checkbox"/> F003	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater	_____	see reverse side
<input type="checkbox"/> F004	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater	_____	see reverse side
<input type="checkbox"/> F005	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater	_____	see reverse side

**CALIFORNIA LIST RESTRICTIONS:** The hazardous waste included in this waste shipment exceeds the following "California List" prohibition levels as set forth in 40 CFR 268.32 and RCRA 3004(d). Treatment standards are provided on the reverse side of this form. If applicable, the restricted metal present is circled.

☐ HOCs ≥ 1,000 ppm ☐ Cyanides ≥ 1,000 ppm ☐ PCB liquids ≥ 50 ppm ☐ Liquids with restricted metals, Hg, Ni, Se, Th, as circled

# SOLVENT AND CALIFORNIA LIST TREATMENT STANDARDS

If the waste identified on the other side of this form is described by any of the following USEPA hazardous waste codes: F001, F002, F003, F004, F005, and/or this hazardous waste is subject to any prohibitions identified as "California List" restrictions (40 CFR 268.32 and/or RCRA Section 3004(d)), then this page MUST accompany the shipment, along with the opposite side of this form. VARIANCES: Inorganic Solid Debris characteristic for metals, D004 nonwastewaters, D008 Lead Acid Battery waste, and D009 High and Low Mercury nonwastewaters are under a National Capacity Variance and are not prohibited from land disposal until May 8, 1992.

## SOLVENT WASTE TREATMENT STANDARDS

F001 through F005 spent solvent constituents and their USEPA waste code(s)/units	Treatment Standard		F001 through F005 spent solvent constituents waste and their USEPA code(s)	Treatment Standard	
	Wastewater units mg/l	Nonwastewater units mg/kg		Wastewater units mg/l	Nonwastewater units mg/kg
• Acetone (F003)	0.05	0.59	• Methylene chloride (F001, F002)	0.20	0.96
• Benzene (F005)	0.07 40 CFR 268.43(a)	3.7 40 CFR 268.43(a)	• Methylene chloride from pharmaceutical production (F001, F002, F003, F004, F005)	0.44 40 CFR 268.43(a)	0.96
• n-Butyl alcohol (F003)	5.0	5.0	• Methyl ethyl ketone (F005)	0.05	0.75
• Carbon disulfide (F005)	1.05	4.81	• Methyl isobutyl ketone (F003)	0.05	0.33
• Carbon tetrachloride (F001)	0.05	0.96	• Nitrobenzene (F004)	0.66	0.125
• Chlorobenzene (F002)	0.15	0.05	• 2-Nitropropane (F005)	(WETOX or CHOXD) followed by CARBN or INCIN 40 CFR 268.42	INCIN 40 CFR 268.42
• Cresols (and Cresylic acid) (F004)	2.82	0.75	• Pyridine (F005)	1.12	0.33
• Cyclohexanone (F003)	0.125	0.75	• Tetrachloroethylene (F001, F002)	0.079	0.05
• 1,2-Dichlorobenzene (F002)	0.65	0.125	• Toluene (F005)	1.12	0.33
• 2-Ethoxyethanol (F005)	INCIN or BIOG 40 CFR 268.42	INCIN 40 CFR 268.42	• 1,1,1-Trichloroethane (F001, F002)	1.05	0.41
• Ethyl acetate (F003)	0.05	0.75	• 1,1,2-Trichloroethane (F002)	0.03 40 CFR 268.43(a)	7.6 40 CFR 268.43(a)
• Ethylbenzene (F003)	0.05	0.053	• 1,1,2-Trichloro-1,2,2- trifluoroethane (F002)	1.05	0.96
• Ethyl Ether (F003)	0.05	0.75	• Trichloroethylene (F001, F002)	0.062	0.091
• Isobutanol (F005)	5.0	5.0	• Trichlorotrifluoroethane (F002)	0.05	0.96
• Methanol (F003)	0.25	0.75	• Xylene (F003)	0.05	0.15

## CALIFORNIA LIST TREATMENT STANDARDS

Restricted Waste Description	Prohibitions	Treatment Standard
Liquid or nonliquid wastes containing Halogenated Organic Compound listed in 40 CFR 268 Appendix III	Liquid wastes greater than or equal to 1,000 mg/l Nonliquid wastes greater than or equal to 1,000 mg/kg	40 CFR 268.42(a)(2) INCIN
Liquid wastes containing Polychlorinated Biphenyl (PCB)	Greater than or equal to 50 ppm	40 CFR 268.42(a)(1) INCIN or FSUBS also see 40 CFR 761.60 and .70
Liquid wastes containing Cyanides	Free (amenable to chlorination) cyanides in concentrations greater than or equal to 1,000 mg/l	RCRA Section 3004(d)
Liquid wastes containing restricted metals	One or more of the following metals (or elements) in concentrations ≤ the following: Mercury at 20 ppm Nickel at 134 ppm Selenium at 100 ppm Thallium at 130 ppm	RCRA Section 3004(d)



**BURLINGTON  
ENVIRONMENTAL INC.**

May 22, 1991

Mr. Greg Speer  
ALASKAN COPPER WORKS  
P.O. Box 3546  
Seattle, WA 98124

Dear Mr. Speer:

The waste material described in the attached Profile Sheet(s) has been reviewed by Chempro, CP# 49170.

This material is acceptable for recycling and/or disposal. Chempro has the appropriate permit(s) for, and will accept this waste. This is in accordance with WAC 173-303-290.

1. Sign and return to Chempro one copy of the Waste Transportation and Management Agreement and/or one copy of the Exhibit A/B which are enclosed. The second copy is for your file. If a contract is already in place, you will receive only the Exhibit A/B's. If you make any changes to this contract without Chempro's agreement, the contract is not valid.
2. If you do not have previously established credit with Chempro, or have not received approval on your credit application, please contact your sales representative.
3. Complete the enclosed Uniform Hazardous Waste Manifest. This is a federal document with state requirements included and must be completed correctly. Refer to the instructions on the back of the manifest and the copy of your Profile for the information you need. **DO NOT MAIL THE MANIFEST. IT MUST ACCOMPANY THE SHIPMENT.**
4. Make two copies of the Landfill Notification form (if attached to the Profile), complete the generator information, attach one copy to the Manifest and retain one copy for your records.
5. Complete the Hazardous Waste labels and apply one to each drum along with the hazard class label.

When these steps are complete and credit is approved, you may arrange shipment. If you wish Resource Recovery to handle transportation for you, please call our Sales Office to place a pick up order.

Yours truly,

Sharon Thornton  
Sales Coordinator

Enclosure  
ST/jf

2203 Airport Way South  
Suite 400  
Seattle, WA 98134  
(206)223-0500 • FAX: (206) 223-7791



**EXHIBIT A**

Generator: ALASKAN COPPER WORKS

Waste Material Profile Sheet(s) No(s) 49170

a. ( ) Loading of the described waste material (the "Waste Materials") onto transportation vehicles, cars or vessels.

b. ( ) Transportation of the Waste Materials from:

628 S. HANFORD

SEATTLE, WA. 98124

to the permitted waste management facility at:

20245 76<sup>th</sup> AVENUE SOUTH

KENT, WA. 98032

by: RESOURCE RECOVER

and/or \_\_\_\_\_

c. ( XX ) Receipt of the Waste Materials from:

3200 6th Avenue South

Seattle, WA 98124

to the permitted waste management facility at:

20245 76th Avenue South

Kent, WA 98032

Place, Time and Frequency and Quantity(ies) and Transfer of Title to Waste Materials:  
8:00am - 4:30pm Weekdays, except holidays, weather permitting.

**EXHIBIT B**

**PROFILE AND DISPOSAL FEE:**

49170:   \$ 150.00 profile fee  
          \$ 450.00 per 55 gallon drum

Disposal fees do not include transportation

By their signature hereto, the parties agree that these Exhibits A and B, including the referenced Waste Material Profile Sheet(s), shall be considered an attachment to, and part of, that certain "Waste Transportation and Management Agreement" identified above.

CHEMICAL PROCESSORS, INC.

Company



Signature

Harold C. Williams

Print Name

Division Sales Manager

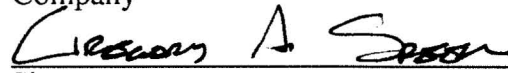
Title

Date

5/23/91

ALASKAN COPPER WORKS

Company



Signature

GREGORY A. SPEER

Print Name

INDUSTRIAL WASTE ASSISTANT

Title

Date

6/5/91



# GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

CP# 49170

CHEMPRO SALES REP: 44/ST

### A. GENERATOR INFORMATION

1. Generator Name: ALASKAN COPPER WORKS 2. Generator, USEPA ID# WAD 980138EAG  
3. Facility Address: 3200 6th AVE. SOUTH  
City: SEATTLE State: WA. Zip Code: 98124  
4. Generator Contact: GREG STEER 5. Title: Env. Waste Ass. 6. Phone: (206) 623 - 5800  
7. Consultant (if any): 8. Company: 9. Phone: ( ) -

**B. MAIL CHEMPRO INVOICES TO:**

2. Company Name: ALASKAN COPPER WORKS 3. Phone: (200) 623-5800  
4. Address: P.O. BOX 3540  
City: SEATTLE State: WA. Zip Code: 98124  
5. Attention: GREG SPEER

### C. WASTE INFORMATION

1. Name Of Waste: CRYSTALLINE CORROSIVE SOLID w/ CITROMILTM

3. Generator has provided the following: ☒ Sample ☒ MSDS ☒ Waste Analysis

#### D. PHYSICAL CHARACTERISTICS OF WASTE

<b>1. Color:</b> DARK GREEN	<b>2. Physical State @ 70°F:</b> <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Semi-Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Powder Other: _____	<b>3. Layers:</b> <input type="checkbox"/> Multi-layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phased	<b>4. Specific Gravity:</b> <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.1-1.2 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.3-1.4 Exact/Other: <u>N/T</u>	<b>5. Free Liquids:</b> <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes % _____
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6. pH: ☐ NA ☒ < 2 ☐ 2-4 ☐ 4-6 ☐ 6-8 ☐ 8-10 ☐ 10-12.5 ☐ > 12.5 ☐ Range: \_\_\_\_\_

7. Liquid Flash Point: ☐ < 70°F ☐ 70-99°F ☐ 100-139°F ☐ 140-199°F ☐ > 200°F ☒ None -- ☐ Closed Cup ☐ Open Cup

### E. TOTAL COMPOSITION OF WASTE

1. List all hazardous and non-hazardous constituents of waste.

Ammonium Bichloride  
NITRIC ACID

## RANGE

**MIN. - MAX.**

70 - 80 %  
10 - 20 %

	%
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78

100%

\_\_\_\_\_ %

— %

9%

\_\_\_\_\_ %

\_\_\_\_\_ %

$$\frac{\text{Number of cases in the study}}{\text{Number of cases in the population}} \times 100\%$$
[illegible]

78

$$\frac{\text{---}}{\text{---}} = \frac{\text{---}}{\text{---}} \%$$

\_\_\_\_\_ %

TOTAL 100 %

**F. METALS:** Indicate if this waste contains any of the following metals, and which test method was used to determine:

☐ TCLP    ☐ EP TOX    ☐ TOTAL    ☐ Not Tested

METAL	WASTE No.	LESS THAN	ACTUAL
Arsenic (As)	D004	<input type="checkbox"/> < 5 ppm	_____ ppm.
Barium (Ba)	D005	<input type="checkbox"/> < 100 ppm	_____ ppm.
Cadmium (Cd)	D006	<input type="checkbox"/> < 1 ppm	_____ ppm.
Chromium (Cr)	D007	<input type="checkbox"/> < 5 ppm	<u>3400</u> ppm.
Lead (Pb)	D008	<input type="checkbox"/> < 5 ppm	_____ ppm.
Mercury (Hg)	D009	<input type="checkbox"/> < 0.2 ppm	_____ ppm.
Selenium (Se)	D010	<input type="checkbox"/> < 1 ppm	_____ ppm.
Silver (Ag)	D011	<input type="checkbox"/> < 5 ppm	_____ ppm.

Nickel (Ni)	<input type="checkbox"/> < 134 ppm	<u>660</u>	ppm.
Thallium (Ti)	<input type="checkbox"/> < 120 ppm		ppm.
Zinc (Zn)		<u>18</u>	ppm.
Copper (Cu)		<u>120</u>	ppm.
_____			ppm.
_____			ppm.
_____			ppm.

**PLEASE NOTE:** The TOTAL in the chemical composition must be greater than or equal to 100%.

**2. Indicate if this waste contains any of the following:**

	Not Tested	or	Concentration
PCB	<input checked="" type="checkbox"/>		_____ ppm
Chlordane	<input checked="" type="checkbox"/>		_____ ppm
Phenolics	<input checked="" type="checkbox"/>		_____ ppm
Sulfides	<input checked="" type="checkbox"/>		_____ ppm

TURN PAGE AND COMPLETE OTHER SIDE

AKC-0018495

# GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

## G. OTHER CHARACTERISTICS OF THE WASTE

1. This waste is: (see instructions) ☐ Wastewater ☒ Nonwastewater
2. This waste is: (see instructions) ☐ Organic ☒ Organo-Metallic ☐ Inorganic
3. Is this waste any of the following: ☐ Ignitable Solid ☐ Water Reactive ☐ Reactive (other)  
☐ Oxidizer ☐ Shock Sensitive ☒ None Apply

## H. USEPA/STATE-WASTE IDENTIFICATION

1. Hazardous/Dangerous Waste? ☒ Yes ☐ No
2. Dept. of Ecology Designation ☐ DW ☒ EHW
3. PCB Regulated By TSCA? ☐ Yes ☒ No
4. List ALL Applicable Waste Numbers: D002  
D007  
STATE # - W T O I

## I. SHIPPING INFORMATION

1. Is this a DOT Hazardous Material? ☒ Yes ☐ No
2. Reportable Quantity (RQ): 10 lb
3. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid ☒ Container (Type/Size): 55 gal PLASTIC
4. Number of Units to Ship Now: 4
5. ☐ One Time - OR - Anticipated Volume/Units per Year: 1500 gal / YEAR

## US DOT DESCRIPTION:

RQ, WASTE CORROSIVE, SOLID

## 6. PROPER SHIPPING NAME

CORROSIVE SOLID UN 1759

## 7. HAZARD CLASS

## 8. DOT ID NUMBER

( CHROMIUM, NICKEL )  
 (If generic "n.o.s.", indicate two predominant constituents in parenthesis)

( D007, D002 )

## 9. ADDITIONAL DESCRIPTION

## J. SPECIAL HANDLING INFORMATION

SOIC 343.85

## K. GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

1. GREGORY A. SPEER SIGNATURE
2. IND. WASTE ASSEST. TITLE
3. GREGORY A. SPEER NAME (type or print)
4. 5/8/91 DATE

## FOR CHEMPRO USE ONLY.

## ADDITIONAL TESTING REQUIREMENTS

Analyze sample on the following basis: ☐ Total ☐ TCLP ☐ EP TOX

- METALS:** ☐ Arsenic (As) ☐ Selenium (Se) ☐ Barium (Ba) ☐ Silver (Ag) ☐ Cadmium (Cd) ☐ Nickel (Ni) ☐ Chromium (Cr) ☐ Thallium (Tl) ☐ Lead (Pb) ☐ Zinc (Zn) ☐ Mercury (Hg) ☐ Copper (Cu)
- DISCHARGE METALS:** (Cd, Cr, Cu, Pb, Ni, Zn)  
**TC METALS (D004-11):** (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)  
**F006 TCLP METALS:** (Cd, Cr, Pb, Ni, Ag)  
**PROFILE METALS:** (As, Ba, Cd, Cr, Hg, Pb, Se, Ag, Cu, Ni, Zn, Tl)  
**OTHER (list separately):**

## MISCELLANEOUS TESTING

PCB: TCT TPH BETX CHLOR-D-TECT DOHRMANN

CYANIDE ppm PHENOLICS ppm OTHER

## GC/MS TESTING ANALYSES

Total - OR - TCLP/ZHE

TC Organics (D012-D043) ☐ All - OR - Individual (list D-codes):

F LUSTED SOLVENTS OR

CHLORINATED SOLVENTS

BILL: CREDIT: CHECK: PO#:

CHEMPRO AUTHORIZATION:

COMMENTS:





REQUESTED BY <i>Greg Steer</i>	DATE <i>6/4/91</i>	APPROVED BY <i>[Signature]</i>	DATE
PURPOSE OR USE <i>DISPOSAL OF Ammonium BIFLUORIDE</i>		TO BE FILLED IN BY PURCHASING DEPT.	
DELIVERY NEEDED BY		P.O. NUMBER <i>119034</i>	
SHIP TO ADDRESS		VENDOR <i>CHEMICAL PROCESSORS</i>	TELEPHONE NO.
SUGGESTED VENDOR <i>CHEMPRO</i>		DELIVERY PROMISED	SHIP VIA







## CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134  
Chempro (206) 223-0500Resource Recovery (206) 223-0900  
WAD061672812

26113

Please print or type  
(Form designed for use on elite (12-pitch) typewriter.)**Ammonium bifluoride**

Form Approved. OMB No. 2050-0039. Expires 9-30-91

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>WAD 920732540</b>	Manifest Document No. <b>20112</b>		2. Page 1 of	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>Alaskan Copper Works PO Box 3546 Seattle, Wa. 98124</b>				A. State Manifest Document Number			
4. Generator's Phone (206) <b>623-5800</b>				B. State Generator's ID			
5. Transporter 1 Company Name <b>Resource recovery</b>		6. US EPA ID Number <b>WAD 061672812</b>		C. State Transporter's ID		D. Transporter's Phone (206) <b>223-0900</b>	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address <input type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input checked="" type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number <b>WAD 000812909</b> <b>WAD 020257945</b> <b>WAD 991281767</b>		G. State Facility's ID		H. Facility's Phone <b>206 872 8030</b>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <b>HM 20 WASTE Corrosive solid (w/chromium &amp; nickel) CAE Corrosive material UN 1759</b>				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a.				<b>4</b>	<b>DP</b>	<b>2150</b>	<b>P. D002, D007 MT01</b>
b.							
c.							
d.							
J. Additional Descriptions for Materials Listed Above <b>CPE 49170 P00 M19934</b>				K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information  GENERATOR EMERGENCY TELEPHONE <b>206 623-5800</b> <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name <b>Oleg Spoor</b>				Signature <i>[Signature]</i>		Month Day Year <b>01 11 01</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name <b>Floyd R. [Signature]</b>		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature	
19. Discrepancy Indication Space				Printed/Typed Name		Signature	
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.				Printed/Typed Name		Signature	
				Month Day Year			

GENERATOR'S COPY

AKC-0018500



**CHEMICAL PROCESSORS, INC. / RESOURCE RECOVERY CORP.**2203 Airport Way So., Suite 400 • Seattle, WA 98134  
Chempro (206) 223-0500Resource Recovery (206) 223-0900  
WAD061672812

26113

Please print or type  
(Form designed for use on elite (12-pitch) typewriter.)Ammonium Bichloride

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD 9807305AC	Manifest Document No. 26113	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address ALASKAN COPPER WORKS P.O. BOX 35AC SEATTLE, WA. 98124				A. State Manifest Document Number		
4. Generator's Phone (206) 623-5000				B. State Generator's ID		
5. Transporter 1 Company Name RESOURCE RECOVERY		6. US EPA ID Number WAD 001671812		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 223-0900		
9. Designated Facility Name and Site Address <input type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input checked="" type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input checked="" type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 000657945 WAD 991281767		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. CORROSIVE SOLID W/ CHROMIUM CORROSIVE MATERIAL UN 1759				No. 4	Type DF	2150 P.
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above A) <del>CHROMIUM</del> CR# 49170 P.O.# 19334				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information						
GENERATOR EMERGENCY TELEPHONE (206) 623-5000 <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name AS				Signature CS		Month Day Year XX XX XX
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name				Signature		Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name				Signature		Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name				Signature		Month Day Year